LABDEX

Biochemical BOD Incubators
LX701BOD

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Description

Biochemical BOD Incubator LX701BOD is PID, microprocessor controlled, with dynamically self-diagnostic control technology for prevention of any failures or damage to the equipment as well as making detection easy. Also equipped with a compressor, temperature controller and temperature sensor.

Specifications

Chamber volume	150 L
Display	LED display
Temperature control range	0℃ - 70℃
Temperature resolution	0.1℃
Temperature fluctuation	± 0.5℃
Temperature uniformity	± 1℃ at 37℃
Temperature sensor	PT100
Timer	1 min - 99 hr
Shelf size	478 x 380 mm
Shelf quantity (std./max)	2 / 10 Pcs
Power consumption	670 W
Power supply	220 V / 50 Hz
Chamber dimension	500 x 400 x 750 mm
External dimension	650 x 650 x 1430 mm

Net weight	94 Kg
Packing dimension	780 x 730 x 1640 mm
Gross weight	140 Kg

Features

- Chamber material - 304 stainless steel and powder steel coating housing material
- Two stainless steel shelves with adjustable space
- Compressor with over-pressure and under-pressure protection, intelligent defrost, self-checking on-and-off control program and internal refrigeration device
- To ensure uniformity of incubator chamber temperature it is provided with Omni-directional 3D heating technology
- Thermostatic controller with high-speed, high-performance CPU chip
- High-sensitivity and high-precision Pt resistance sensor
- Preset programmed control with a timing range of up to 99 hours for power-on, power-off and working
- Multiple alarms for sensor failure, high/low temperature deviation, over temperature
- Can store the parameters given in the memory
- Temperature display calibration
- Having additional features like long life, low noise and temperature fluctuation

Applications

- These are designed for analysis of water body, BOD test, cultivation and storage of bacteria, molds and microorganisms, plant cultivation and seed-breeding test in the field of environmental protection, medical and scientific research.

Optional Accessories

- Independent temperature control and alarming system to provide dual protections
- UV lamp

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